

**Product Name:** BD™ P800**1 Identification of substance:****• Product Details:***MSDS Number: VS60356-02**Issue Date: October 6, 2009**Supersedes: VS60356-01**ECO No.: ECO112462***• Product Name:** BD™ P800 (Research Use Only)**• Catalog Numbers:** 366420; 366421**• Manufacturer/Supplier:***BD Diagnostics, Preanalytical Systems**1 Becton Drive**Franklin Lakes, NJ, 07417-1885***• Information Department:***BD Diagnostics, Preanalytical Systems Technical Service, (800) 631-0174***• Emergency Information:***In case of a chemical emergency, spill, fire, exposure, or accident contact ChemTrec at (800) 424-9300***2 Composition/Data on components:****• Description:** Lypholized Additive (Proprietary Compound mixture)*Chemical name: Proprietary Compound mixture***• CAS No.:** Proprietary**• Quantity:** 0.69mg – 2.94mg**• Exposure limits:** N/A**3 Hazards identification:****• Hazard description:***R20/22 Harmful by inhalation and if swallowed.**R36/37/38 Irritating to eyes, respiratory system and skin.**Xn Harmful***Information pertaining to particular dangers for human and environment:***The product is required to be labeled due to the calculation procedure of the "General Classification Guideline for Preparations of the EU" in the latest valid version.***• Acute Exposure Effects:***Eyes: Irritating to the eyes.**Skin: Irritating to the skin and may be harmful if absorbed through skin.**Inhalation: May be harmful if inhaled. Material is irritating to mucous membranes and/or upper respiratory tract.*

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*Ingestion: May be harmful if swallowed.*

- **Repeated Exposure Effects:**

*Eyes: None identified.*

*Skin: None identified.*

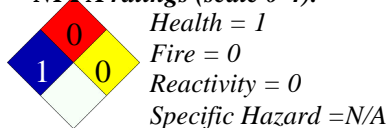
*Inhalation: None identified.*

*Ingestion: None identified.*

- **Classification system:**

*The classification was made according to the latest editions of international substances lists, and expanded upon from company literature and data.*

- **NFPA ratings (scale 0-4):**



- **HMIS ratings (scale 0-4):**



#### **4 First aid measures:**

- **General information:**

*After inhalation: Move the exposed person to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.*

*After skin contact: Immediately flush skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing and shoes. Consult a physician.*

*After eye contact: Immediately flush with plenty of water for at least 15 minutes while holding eyelids apart. Consult a physician.*

*After Swallowing: If conscious, wash out mouth with water. Call a physician immediately.*

*Information for doctor: Show this label*

#### **5 Fire fighting measures:**

- **Suitable extinguishing agents:** CO<sub>2</sub>, dry chemical powder, water spray or appropriate foam.
- **Protective equipment:** Firefighters should wear proper protective equipment and self-contained breathing apparatus. Emits toxic fumes under fire conditions.

#### **6 Accidental release measures:**

- **Person-related safety precautions:** Avoid inhalation and ingestion. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure.
- **Measures for environmental protection:** Sweep up, place in a sealed container and hold for waste disposal. Avoid dusting conditions. Ventilate area and wash spill site after material pick up is complete.



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- **Measures for cleaning/collecting:** Sweep up, place in a sealed container and hold for waste disposal. Avoid dusting conditions. Ventilate area and wash spill site after material pick up is complete.
- **Additional information:** N/A

### 7 Handling and storage:

- **Handling:**  
*Information for safe handling:* No special measures required.  
*Information about protection against explosions and fires:* No special measures required.
- **Storage:**  
*Requirements to be met by storerooms and receptacles:* Store between 2 °C and 8 °C (36 °F and 46 °F.)  
*Information about storage in one common storage facility:* Store away from oxidizing agents.  
*Further information about storage conditions:* Store in cool, dry conditions in well sealed containers.

### 8 Exposure controls and personal protection:

- **Additional information about design of technical systems:** Mechanical exhaust. Chemical fume hood in case of brief exposure.
- **Components with limit values that require monitoring at the workplace:** This product does not contain any relevant quantities of material with critical values that require monitoring in the workplace.
- **Personal Protective Equipment:**  
*General protective and hygienic measures:* Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation. Use with adequate ventilation.  
*Breathing equipment:* Wear dust mask.  
*Protection of hands:* Use appropriate gloves.  
*Eye protection:* Use chemical safety goggles.  
*Body protection:* Wear appropriate protective clothing to prevent skin exposure. Provide eye bath and safety shower.

### 09 Physical and chemical properties:

- **General Information:**  
*Form:* Solid  
*Color:* White  
*Odor:* Characteristic
- **Change in condition:**  
*Melting point/Melting range:* Undetermined  
*Boiling point/Boiling range:* Undetermined
- **Flash point:** Not Applicable
- **Autoignition:** Product is not self-igniting



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- **Danger of explosion:** Product does not present an explosion hazard.
- **Vapor pressure at 20 °C:** Not determined
- **Density:** Not determined
- **Solubility in/Miscibility w/H<sub>2</sub>O:** Soluble
- **pH-value at 20 °C:** Not determined

## 10 Stability and reactivity:

- **Thermal decomposition / conditions to be avoided:** None identified.
- **Materials to be avoided:** Strong oxidizing agents and bases.
- **Dangerous reactions:** None known; Stable.
- **Dangerous products of decomposition:** Carbon monoxide, carbon dioxide, nitrogen oxides and sulfur oxides.

## 11 Toxicological information:

- **Acute toxicity:**
  - Eye: Irritating to the eyes
  - Skin: Irritating to the skin and mucous membranes
  - Inhalation: Irritating to mucous membranes and/or upper respiratory tract.
- **Primary irritant effect:**
  - On the skin: Irritating to the skin and mucous membranes
  - On the eye: Irritating to the eyes
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:** Does not contain more than 0.1% by weight of a material listed as a potential carcinogen by NTP, IARC, or OSHA.

## 12 Ecological information:

- **Ecotoxicological effects:** The ecological effects have not been thoroughly investigated, but currently none have been identified.
- **Other information:** None identified.
- **General notes:** Water Hazard Class 1 (German regulation) (Self-assessment): slightly hazardous for water.

## 13 Disposal considerations:

- **Product:**
  - Recommendation**  
Contact a licensed professional waste disposal service to dispose of this material. Disposal should be done in accordance with local, state and federal regulations.  
Disposal must be made according to the regulations found in 40 CFR 261.  
This product is not a RCRA hazardous waste.



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• **Uncleaned packagings:**

**Recommendation**

*Disposal should be done in accordance with local, state and federal regulations.*

*Disposal must be made according to the regulations found in 40 CFR 261.*

*This product is not a RCRA hazardous waste.*

**Recommended cleansing agent**

*Water, if necessary with cleansing agents*

• **General notes:** N/A

**14 Transport information:**

• **DOT regulations:**

**Proper Shipping Name:** Toxic solids, organic, n.o.s.(Tacrine)

**UN#:** 2811

**Class:** 6.1

**Packing Group:** Packing Group III

**Hazard Label:** Toxic Substances

**Note:** Product meets requirements for de minimus exception under 49 CFR 173.4(b).

• **Maritime transport IMDG:**

**Proper Shipping Name:** Toxic solids, organic, n.o.s.(Tacrine)

**UN#:** 2811

**Class:** 6.1

**Packing Group:** Packing Group III

**Note:** Product meets requirements for Dangerous Goods in Excepted Quantities.

• **Air transport ICAO-TI and IATA-DGR:**

**Proper Shipping Name:** Toxic solids, organic, n.o.s.(Tacrine)

**UN#:** 2811

**Class:** 6.1

**Packing Group:** Packing Group III

**Note:** Product meets requirements for Dangerous Goods in Excepted Quantities.

**15 Regulations:**

• **SARA Section 355 (extremely hazardous substances):** Not listed

• **SARA Section 302 (extremely hazardous substances):** Not listed

• **SARA Section 304 (Reportable Quantity (RQ) under CERCLA):** None

• **SARA Section 313 (specific toxic chemical listings):** Not listed

• **TSCA (Toxic Substances Control Act) Inventory:** Not Listed -- Exempt

• **SARA Section 311/312 (Hazard notification categories under SARA Title III):** None

• **Hazardous chemical(s) under OSHA Hazard Communication Standard (29 CFR 1910.1200):** None

• **California Proposition 65 – Chemicals Known to Cause Cancer:** Not listed

**California Proposition 65 – Chemicals Known to Cause Reproductive Toxicity:** Not listed

• **Carcinogenicity categories**

**IARC (International Agency for Research on Cancer):** Not listed

**NTP (National Toxicology Program):** Not listed

**TLV (Threshold Limit Value established by ACGIH):** Not listed



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- **Product related hazard information:** Observe the general safety regulations when handling chemicals. The product has been classified and marked in accordance with EU Directives/Ordinance on Hazardous Materials.

**Hazard Symbols:**

Xn Harmful

**Risk Phrases:**

R20/22 Harmful by inhalation and if swallowed.

R36/37/38 Irritating to eyes, respiratory system and skin.

**Safety Phrases:**

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

36 Wear suitable protective clothing

- **National regulations:** N/A
- **Water hazard class:** Water Hazard Class 1 (German regulation) (Self-assessment): slightly hazardous for water.

**16 Other information:**

To the best of our knowledge, the information contained herein is accurate. However, neither BD or any of its subsidiaries assumes any liabilities whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

- **Department issuing MSDS:** Regulatory Affairs